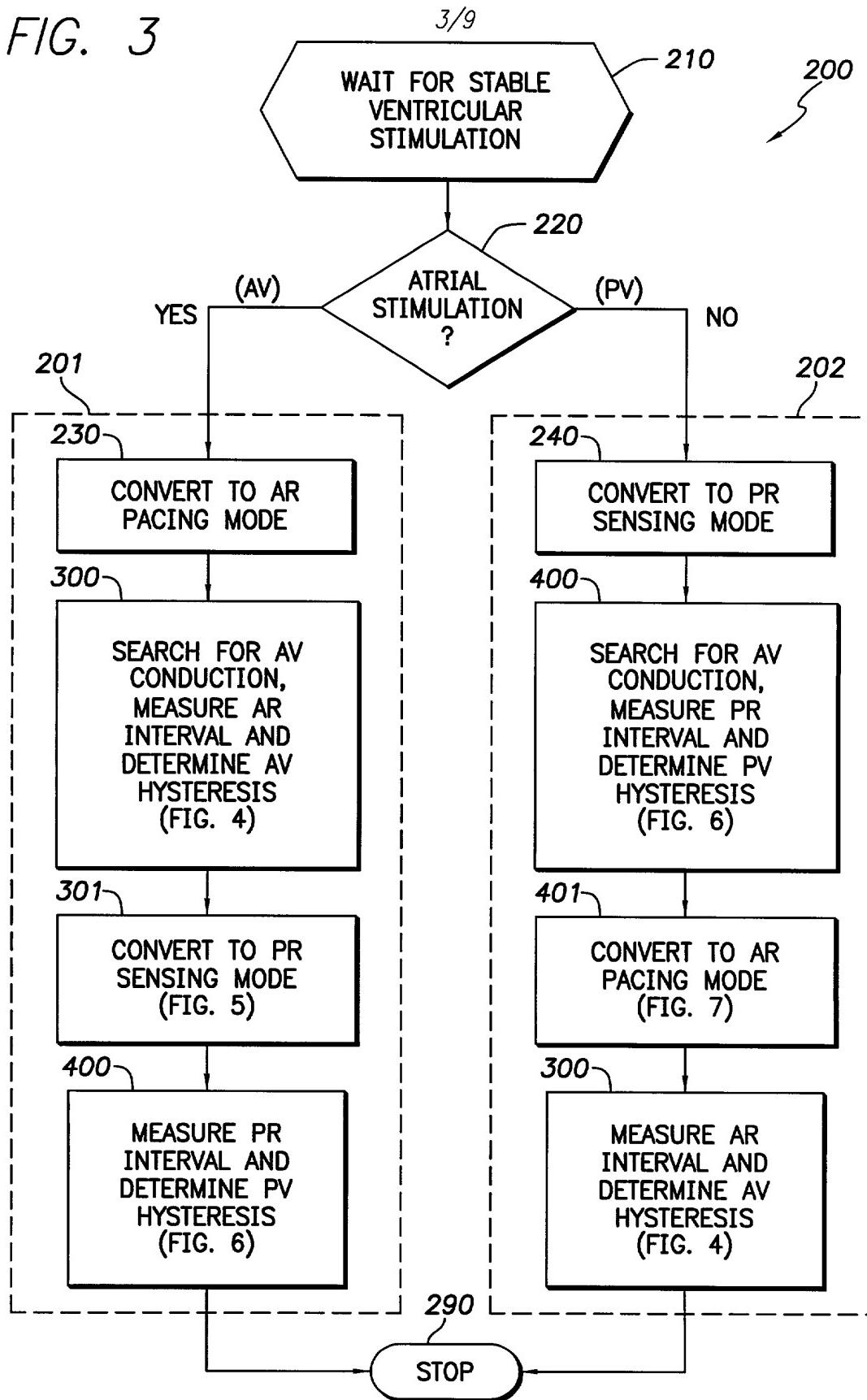


FIG. 2

FIG. 3



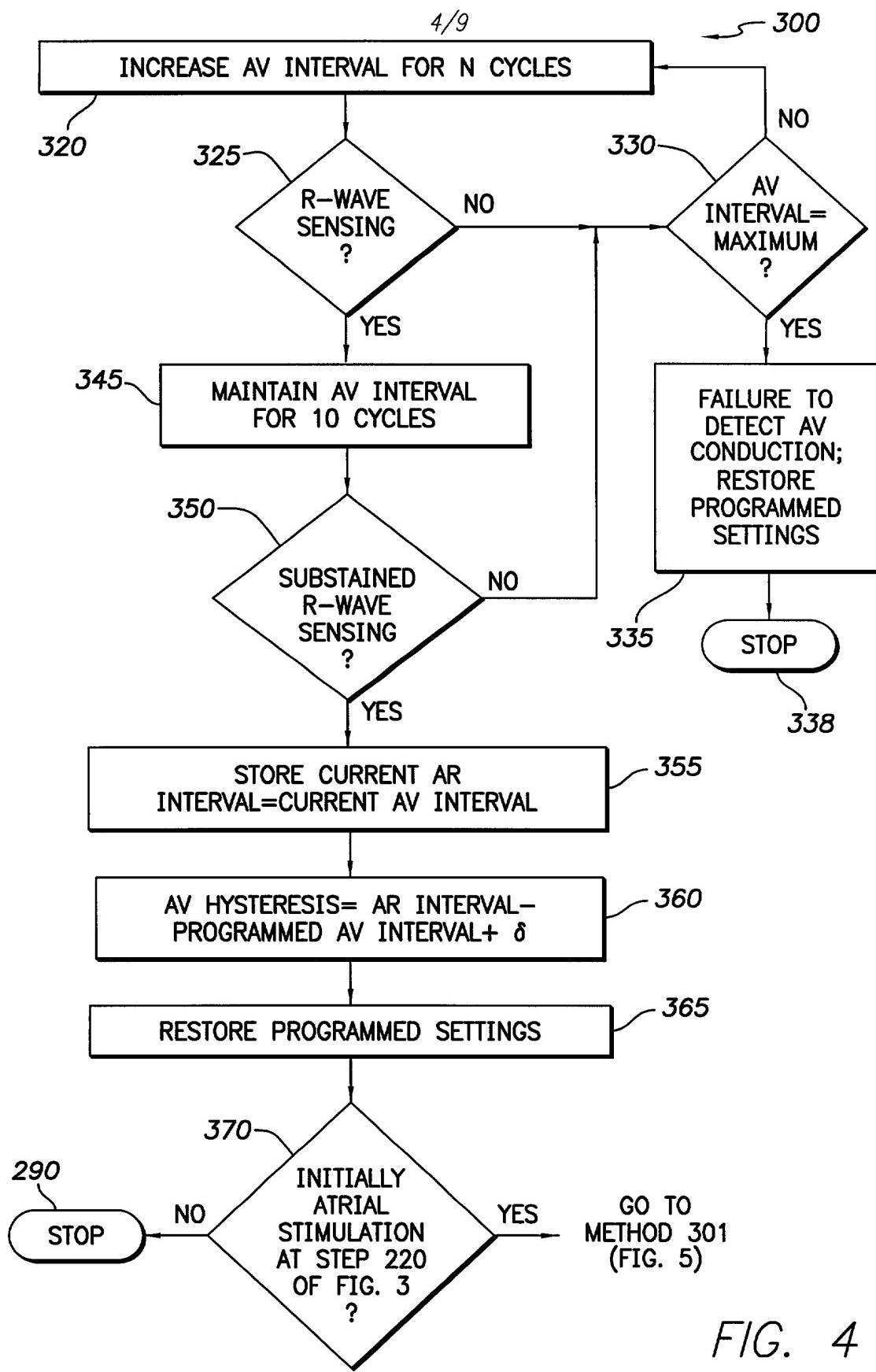
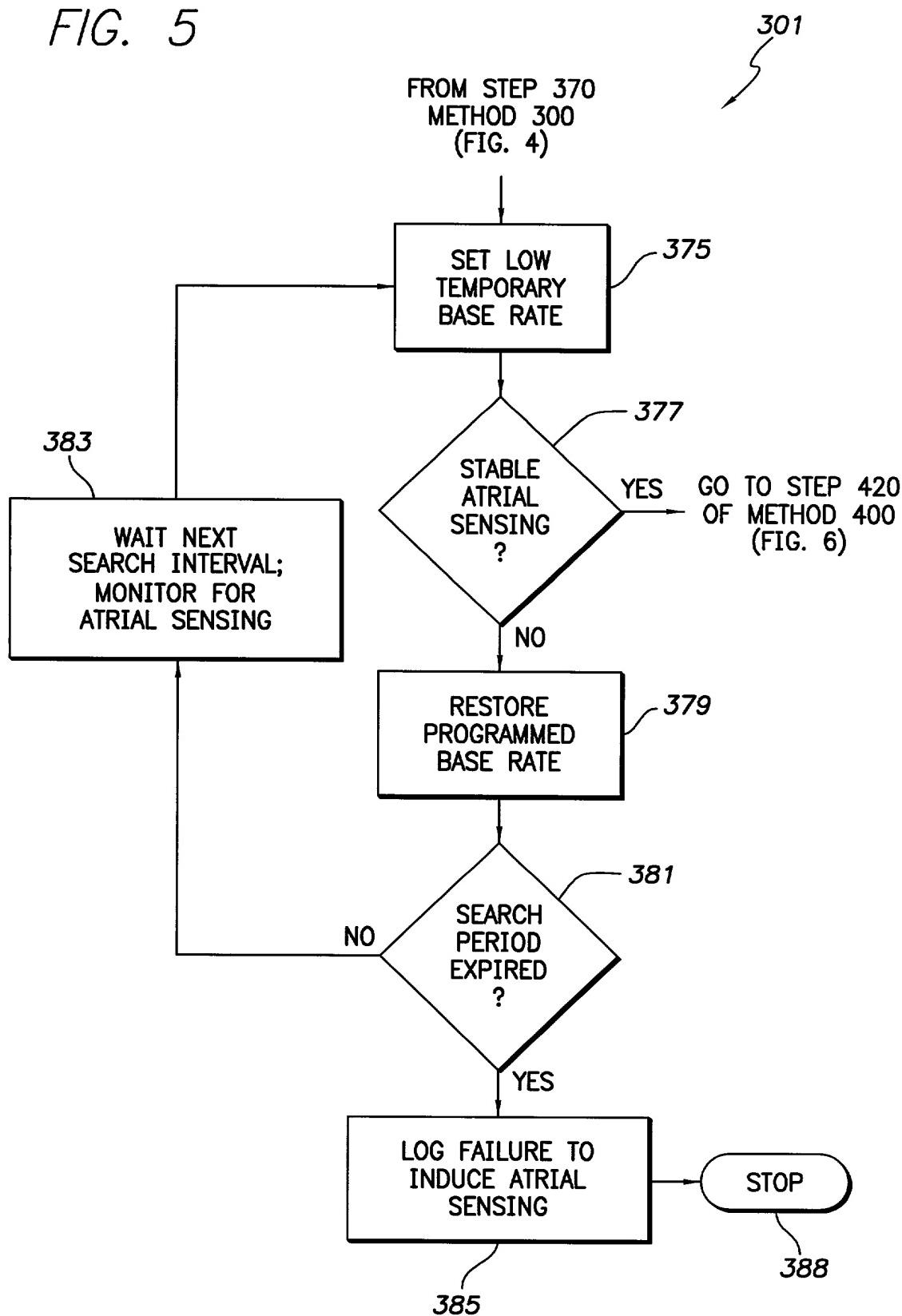


FIG. 4

FIG. 5



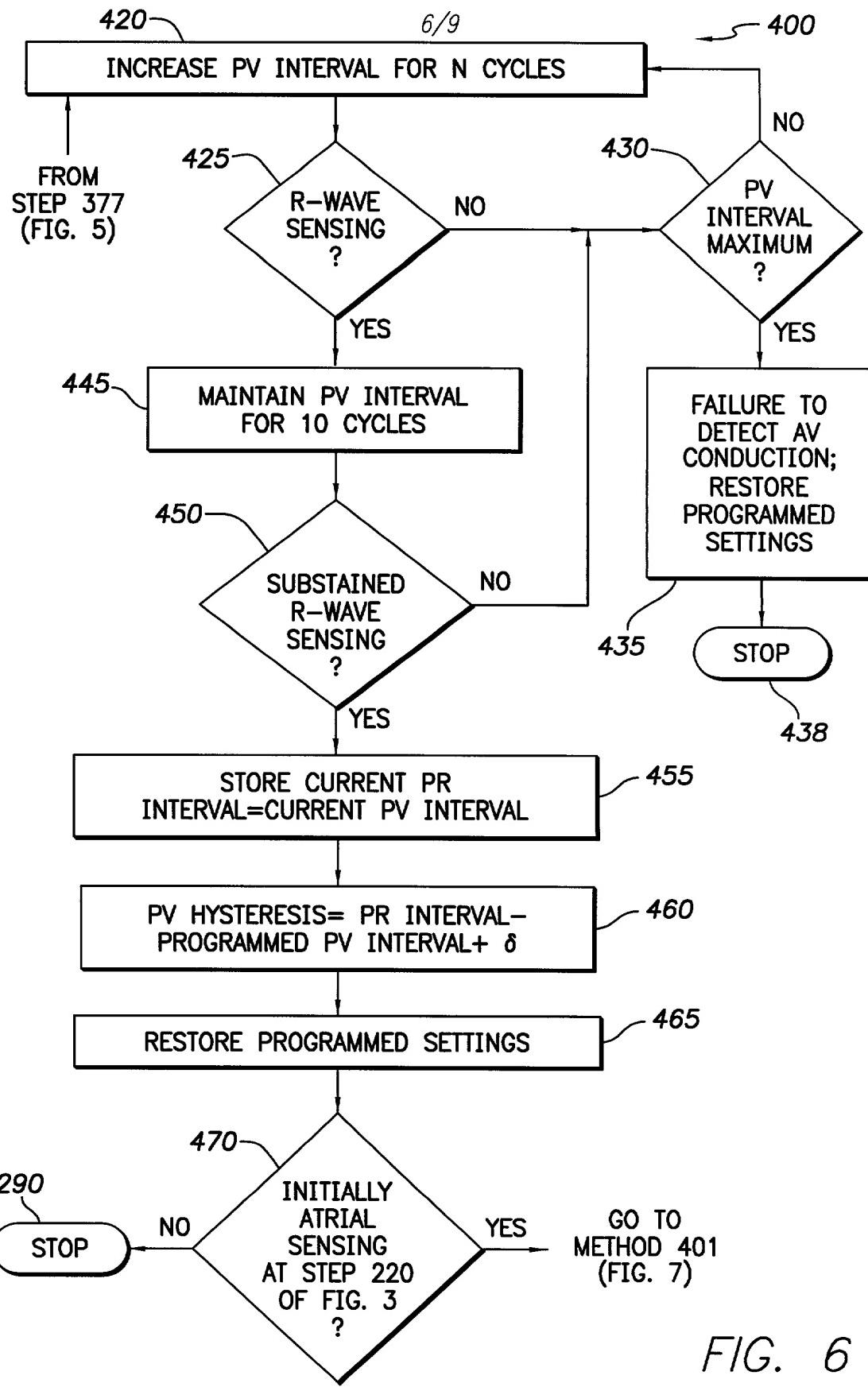
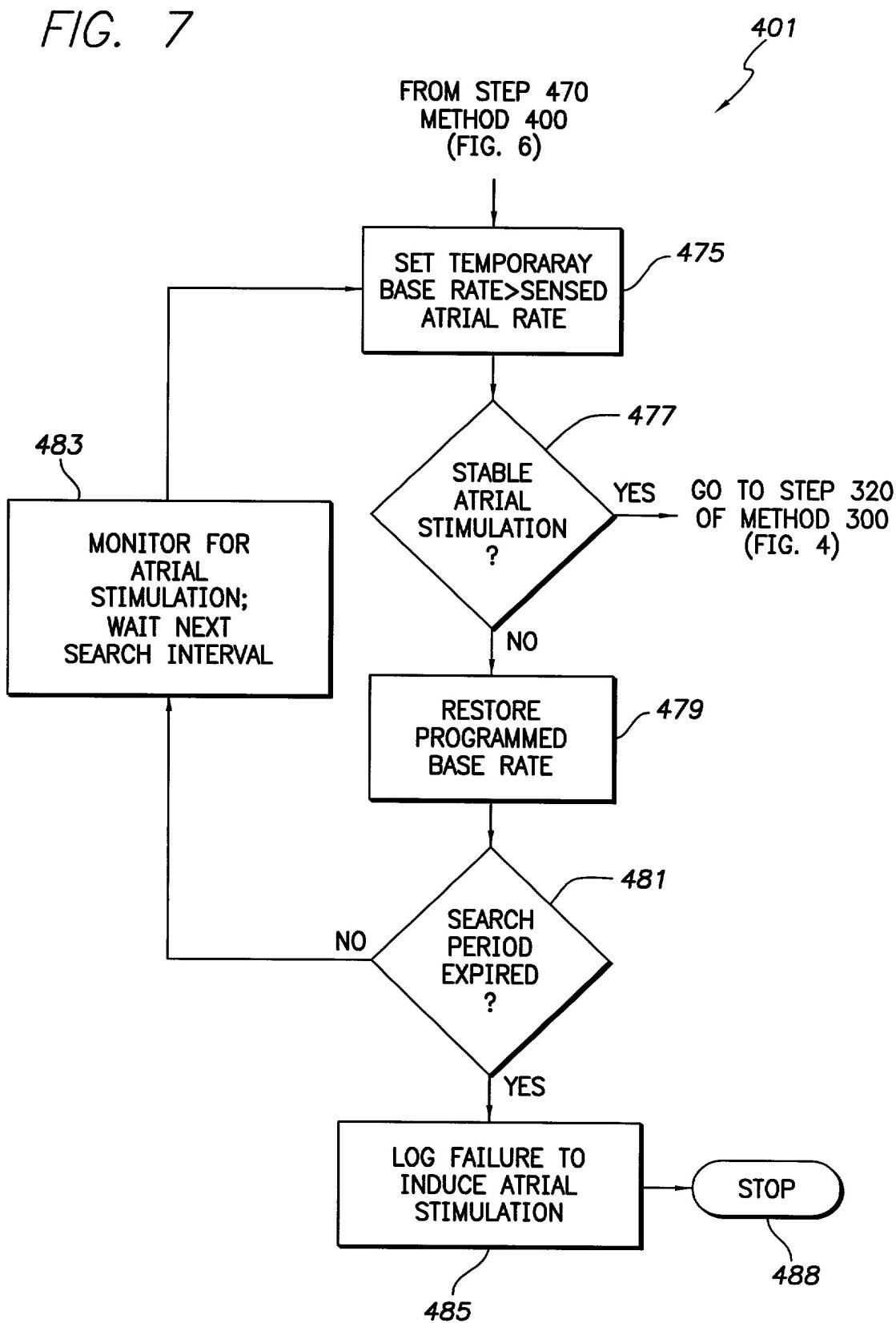


FIG. 6

FIG. 7



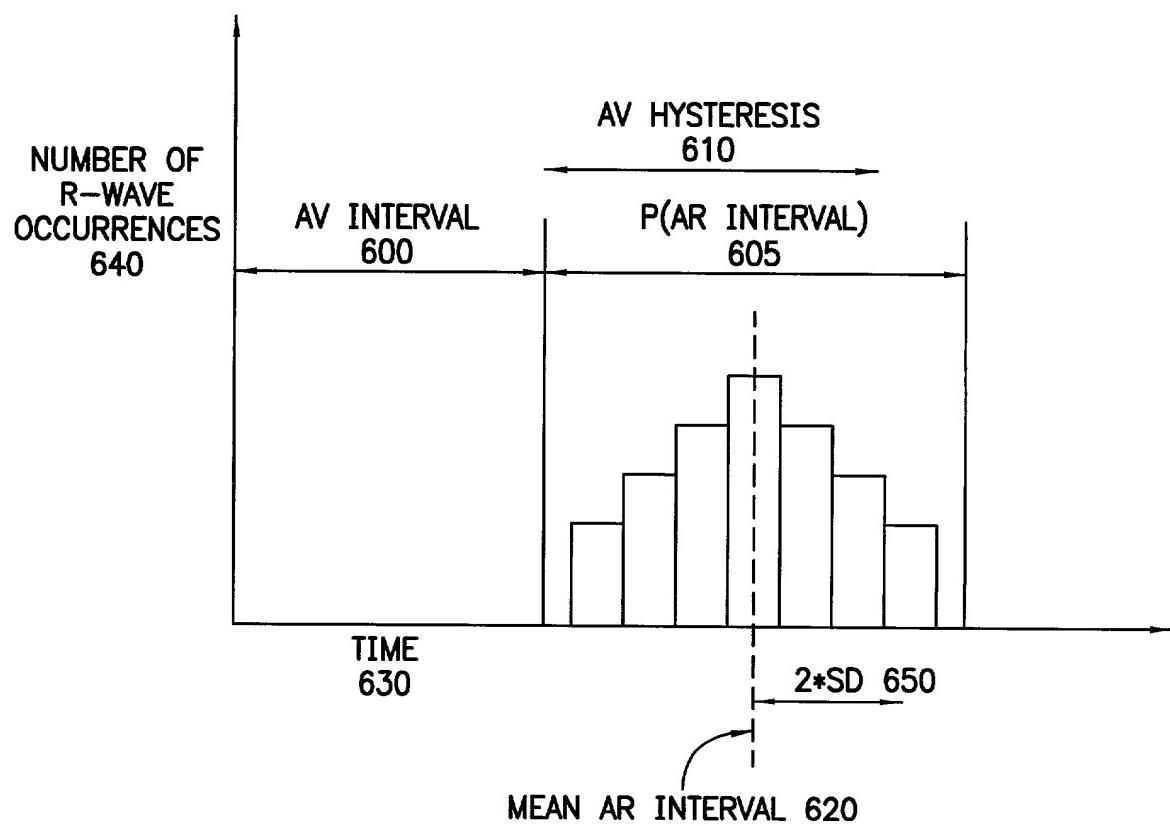


FIG. 8

FROM STEP 350,
(FIG. 4)

355

STORE CURRENT AR
INTERVAL=CURRENT
AV INTERVAL

710

SET
AV HYSTERESIS=AR INTERVAL–
PROGRAMMED AV INTERVAL+ δ
FOR 16 CARDIAC CYCLES WHILE MEASURING
THE MEAN AR INTERVAL
AND
THE MEAN AR INTERVAL'S STANDARD
DEVIATION (SD)

720

STORE THE MEAN AR INTERVAL
AND THE STANDARD DEVIATION (SD)

725

AV HYSTERESIS=MEAN AR INTERVAL
+ 2*SD –AV INTERVAL

365

RESTORE PROGRAMMED SETTINGS

290

NO

INITIALLY
ATRIAL
STIMULATION
AT STEP 220
OF FIG. 3
?

YES

GO TO
METHOD 301
(FIG. 5)

370

FIG. 9